

<b>Interview Summary</b>	Application No.	Applicant(s)	
	09/334,054	JOHNSON, DAVID W. #16	
	Examiner	Art Unit	
	Sandra M. Nolan	1772	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Sandra M. Nolan. (3)\_\_\_\_\_
- (2) Tim Cassidy. (4)\_\_\_\_\_

Date of Interview: 24 September 2002 .

Type: a) ☐ Telephonic b) ☐ Video Conference  
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_\_ .

Claim(s) discussed: all of record .

Identification of prior art discussed: all of record .

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant will probaly file an RCE and submit amendments to insert language re: a gripping surface (see the attachment). He is considering filing an IDS. The examiner indicated that the proposed claim amendments would probably render the claims distinct from the teachings of Payet (US 5,332,612) and Nash (US 5,620,773) .

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

- i) ☒ It is not necessary for applicant to provide a separate record of the substance of the interview(if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

#### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

##### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

##### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case unless both applicant and examiner agree that the examiner will record same. Where the examiner agrees to record the substance of the interview, or when it is adequately recorded on the Form or in an attachment to the Form, the examiner should check the appropriate box at the bottom of the Form which informs the applicant that the submission of a separate record of the substance of the interview as a supplement to the Form is not required.

It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

#### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

/ PATENT

ATTORNEY DOCKET NO.: SSK-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application )  
David W. Johnson )  
Serial No.: 09/334,054 )  
Filed: June 15, 1999 )  
Title: Elastomeric Triblock )  
Copolymer Compositions )  
And Articles Made )  
Therewith )

Examiner: S. Nolan

Art Unit: 1772

Deposit Acct. No.: 04-1403

AMENDMENT

Pending claims:

1. A surface-modified glove article for use on a human hand,  
comprising:

an elastomeric matrix in the shape of a <sup>hollow</sup> glove ~~that receives the~~ <sup>for receiving a</sup>  
human hand therein, the matrix having an inside surface that contacts the human  
hand received within the hollow elastomeric glove shape, and an outside <sup>gripping</sup> surface;  
and

a plurality of colloidal silica particles adhered to at least a portion of  
the outside <sup>gripping</sup> surface of the matrix but not extending through the thickness of the  
matrix, the colloidal silica particles being affixed to the outside <sup>gripping</sup> surface of the  
matrix, at least certain of the silica particles being partially  
embedded within the outside gripping surface.

2. The surface-modified article of claim 1, wherein the elastomer  
comprises natural latex.

3. The surface-modified article of claim 1, wherein the elastomer  
comprises a synthetic elastomer.

4. The surface-modified article of claim 1, wherein the elastomer  
comprises a nitrile rubber.

having improved gripping  
properties

configured  
to contact  
gripped  
articles  
when  
worn

5. The surface-modified article of claim 1, wherein the colloidal silica particles have a maximum dimension of from about 10 nanometers to about 100 nanometers.

6. The surface-modified article of claim 1, wherein the colloidal silica particles are electrically conductive.

7. The surface-modified article of claim 1, wherein the colloidal silica particles further comprise an electrically conductive surface treatment thereon.

8. The surface-modified article of claim 1, wherein the colloidal silica particles further comprise a layer of an electrically conductive material on the surface thereof.

9. The surface-modified article of claim 1, wherein the colloidal silica particles further comprise a layer of aluminum chlorhydrate on the surface thereon.

10. The surface-modified article of claim 1, further including a inside surface treatment on the inside surface of the glove shape.

11. The surface-modified article of claim 1, wherein there is no separate binder material affixing the colloidal silica particles to the outside surface.

12. A surface-modified article, comprising:  
an elastomeric matrix having an outside surface; and  
a plurality of colloidal silica particles adhered to at least a portion of the outside surface of the matrix but not extending through the thickness of the matrix, at least certain of said silica particles being partially embedded within the outside surface of said elastomeric matrix; the colloidal silica particles being affixed to the outside surface of the matrix without any separate binder material affixing the colloidal silica particles to the outside surface.

13. A surface-modified article, comprising:  
an elastomeric matrix having a surface; and  
a plurality of colloidal silica particles adhered to at least a portion of the surface of the matrix but not extending through the thickness of the matrix, the colloidal silica particles being affixed to the surface of the matrix without any

separate binder material affixing the colloidal silica particles to the surface, wherein the colloidal silica particles are electrically conductive.

14. A method for making an elastomeric article, comprising the steps of:

providing a mold whose surface defines at least a portion of the surface of the elastomeric article;

preparing a coating composition comprising a plurality of colloidal silica particles;

applying the coating composition to a surface of the mold;

contacting a flowable elastomer to the coated surface of the mold;

allowing the flowable elastomer to coalesce against the coated surface thereby forming an elastomeric article, said colloidal silica particles being adhered to said coalesced elastomer; and

separating the coalesced elastomer from the mold surface such that said coalesced elastomer is turned inside-out, said elastomeric article including an inside surface and an outside surface, said colloidal silica particles being adhered to said outside surface.

15. The method of claim 14, wherein the elastomeric article is a glove.

16. The method of claim 14, wherein the coating composition further comprises a coagulant.

17. The method of claim 14, wherein the flowable elastomer comprises natural latex.

18. The method of claim 14, wherein the flowable elastomer comprises a synthetic elastomer.

19. The method of claim 14, wherein the flowable elastomer comprises a nitrile rubber.

20. A surface-modified article of claim 1, wherein said colloidal silica particles are partially embedded in the outside surface of the matrix.

21. A surface-modified article of claim 12, wherein the colloidal silica particles are electrically conductive.

22. A method of claim 14, wherein the colloidal silica particles are partially embedded in the outside surface of said elastomeric article.
25. A surface-modified glove article as defined in claim 23, wherein said particles comprise colloidal silica.
31. A surface-modified glove for use on a human hand comprising:  
an elastomeric matrix in the shape of a glove adapted to receive a human hand therein, said elastomeric matrix having an inside surface for contact with a human hand received within the glove and an outside surface; and  
a surface treatment adhered to at least a portion of the outside surface of said glove, said surface treatment comprising a plurality of silica particles adhered to said outside surface of said glove, at least certain of said silica particles being partially embedded within said outside surface.
32. A glove as defined in claim 31, wherein said silica particles have a maximum dimension of from about 10 nanometers to about 100 nanometers.
33. A glove as defined in claim 31, wherein said silica particles are electrically conductive.
34. A glove as defined in claim 31, wherein the silica particles further comprise a layer of aluminum chlorohydrate on the surface thereon.
35. A glove as defined in claim 31, wherein said silica particles are adhered to said outside surface of said glove by a binder.